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\* INDIANA SINCLAIR-TIMEX USERS GROUP NEWSLETTER \*  
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DEC '87 & JAN '88 ISSUE

Editor-Frank Davis

### MEETING SCHEDULE

The January 23rd meeting of ISTUG will be held in the home of your Editor, Frank Davis, at 1:30 PM. This meeting will take place at 513 East Main St., Peru, IN 46970. For those who have not been to a meeting there before, CALL for directions during the week at 317-473-8031. I can usually be best reached during the evenings up till 10 PM.

This meeting will try to center on some of the means of communicating between the various Timex and Sinclair computers. One method will be the showing of networking a TS1000 and a TS2068 together by means of two I/O ports. I am also working on getting a QL and a Spectrum emulated TS2068 communicating via the Serial port of the QL and the RS232 port of the Wafadrive. I have some other ideas in mind, so please try to make this meeting. Anyone familiar with the 'Kansas City Method'?

Paul Holmgren of the Exec Committee is trying to get it set up for us to use some Library facilities in Indy for the February meeting. I'll get back to you more on that when I hear something definite. Maybe we can get a permanent meeting place set up, with the occasional odd meeting here and there as the need warrants.

At this writing the ISTUG BBS is down. I do not know if this is for keeps, so check with the SYSOP, Willie Jones, on this. By the way...Paul Holmgren and Willie have made some more improvements to the program and are debugging it. It should soon support disk drives and perhaps uploading/downloading, along with personal e-mail and various levels of access. It is a program we should support by buying a copy, and not by just copying. See my recent review of this program in SyncWare News to find out more.

The next two issues will be containing the schematics for the Rotronics Wafadrive and a copy of the test manual used to check it out and correct most problems with one. As over a third of our membership have these machines I felt this is something we all can use. And now I need to get hold of a copy of the BASIC program used to adjust speed and self test the little beast and we should be all set. Anyone who has something like this that applies to the various disk or other mass storage devices on the market, please let me know so that I can share this data with others in our community.

We have had a membership renewal rate so far of 84 % for ISTUG. I mention this because more of you are now due to renew. Check your label on the newsletter to see if you are now due or past due. The better you support the group the more it will be there to support you. Many of us have made good friends thru ISTUG, as well as expanding our hobbies and interests in computers. Rather than taking some people out of contact with others...computers can be a new and challenging way of interacting with others. We have members who I proudly call friends, and it is very true when I tell you that I am picky about who I call friend. Sounds like I have once again found my soapbox.

## COMPATABILITY PROBLEMS

For those of you who own Wafadrives and have thought you might like to attach a Spectrum compatible joystick port to your machine...I have a bit of advice. I recently tried this by using what is called a Gamesmate Joystick Interface made to insert in the cartridge dock of the TS2068. This has been sold by various dealers such as Curry Computer and Russell Electronics, and it comes in two versions. As I have only the cartridge dock version and not the rear expansion port version I can only tell you about the version I have. Anyone having the rear expansion port version should contact us and let us know about it.

The basic problem is that with the Gamesmate attached the Wafadrive will not read the Directory of a Wafer and therefore will not load the programs on a wafer. I have tried this with both of my TS2068's and both Wafadrives with the same results. There is a conflict in there somewhere. I am not completely sure why it will not work, only that it does not work.

There are two other ways we in North America can attach a Spectrum joystick port to our TS2068's. One is made by John Oliger Co. and fits into his mother board. The next time I get a chance to see John I will check and see if his works okay with the Wafadrive. The other comes on the Larken 400K Disk Interface which has a Kempston joystick port on the board.

I do not know if either of these setups will work with the Wafadrive, but I will pass it on as soon as I find out. In the meantime you should check out the product line of the two named companies.

John Oliger Co.  
11601 Whidbey Drive  
Cumberland, In 46229

Larken Electronics  
R.R. 2 Navan, Ontario  
Canada K4B 1H9

Send them a SASE (except in Canada they do not use USA stamps) and request some information. Both of these guys work other jobs and have yet found the time to make new and exciting products for your computer, and are therefore to be commended.

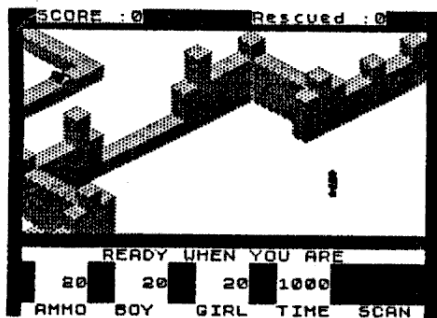
## ISTUG WANT ADS

(1) I have been searching for an editor/assembler for my TS1000, but can not seem to locate one. ~~I have 32K memory, but no disk drive.~~ Is there one out there? Can you help? Thank you.  
John Harrison, 424 University Ave. Box 182, Rochester, NY 14607  
716-461-8227.

(2) This is for anyone out there who has a 512K Ram upgrade for their QL, but is planning to get the Trump Card to bring their QL up to 896K. Curry Computer is offering you \$50 as a trade in of your old Ram. I am willing to give you \$75 and will pay the postage. Call or write Frank Davis, 513 East Main St., Peru, IN 46970. 317-473-8031. It must be in good condition.

## DAN ELLIOT'S REPAIRS

I received a letter from Joan Kealy informing me that she had sent a TS2068 to Dan Elliot to have it repaired so it would work with her monitor. He was fast and efficient and it now works. It's nice to hear a good report on repairs!



## ISTUG SCREEN CONTEST

Welcome to the first contest ever offered by I.S.T.U.G.

To the left we have five screens that have been taken from well known Spectrum 48 programs. The first individual that WRITES and tells us here at the newsletter which programs these screens are from, will win a free six month membership for a friend or for a relative.

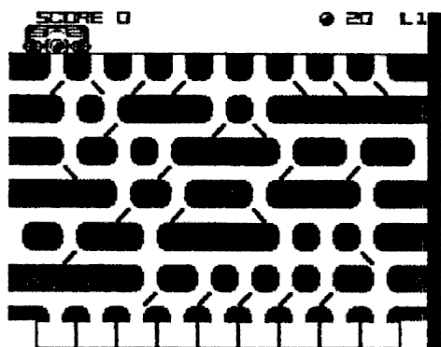
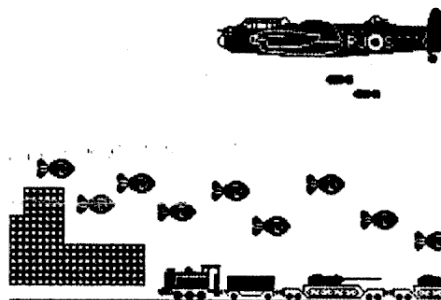
The only rules are that you must tell us the name of the program from which the screen was taken. In case of several of you having the correct answer, then we will base our decision on which answer has the earlier postmark.

In future months we will plan on doing this same contest using screens from QL programs, from TS2068 programs and... (as soon as someone tells me how to do screen dumps from the TS1000) the TS1000, ZX81, TS1500 family.

One hint about this months set of screens..two of them are from the same program.

Send all entries to:

ISTUG NEWSLETTER  
513 EAST MAIN ST.  
PERU, IN 46970



0>REM SECRET AGENT PROGRAM MAKES CODING AND DECODING CHILDSPLAY, PROGRAM BY BILL HARMER, APR. 1985, ALL RIGHTS RESERVED

1 REM  
SECRET AGENT IS A PROGRAM FOR THE SINCLAIR 2068 WHICH IS DESIGNED TO MAKE CODING AND DECODING CHILDSPLAY, ORIGINAL PROGRAM BY BILL HARMER CONVERTED TO THE 2068 BY DAVID SOLLY, OTTAWA, ONTARIO, 1985.

2 REM SECRET AGENT COPYRIGHT 1985 BY BILL HARMER, OTTAWA- NON-COMMERCIAL NON-PROFIT USE AND THE MAKING OF ONE PERSONA L COPY ALLOWED BY TIMEX-SINCLAIR USER GROUP MEMBERS

5 REM REVISED TS 2068  
VERSION 2.  
11 REM SECRET AGENT 8 (FINISHED)

30 CLS : POKE 23658,8  
50 DIM X(100)  
60 PRINT AT 10,0;"\*"  
65 PRINT AT 9,0;"\*"  
67 PRINT AT 11,0;"\*"  
70 PRINT AT 8,0;"\*"  
72 PRINT AT 12,0;"\*"  
75 PRINT AT 7,0;"\*\*\*\*\*"

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77 PRINT AT 13,0;"\*\*\*\*\*"  
\*\*\*\*\*  
90 PRINT : FLASH 1;AT 21,0;"PRESS ENTER KEY TO GO ON"  
95 INPUT A\$  
96 CLS  
97 IF A\$="SESAME" THEN GO TO 9000

100 PRINT "SECRET AGENT IS A PROGRAM DESIGNED TO ENCODE AND DECODE SECRET MESSAGES"  
101 PRINT  
102 PRINT "A MESSAGE IS ENTERED AND THE COMPUTER WILL CONVERT IT TO A SEQUENCE OF UNINTELLIGIBLE NUMBERS. THE MESSAGE CAN BE DECIPHERED BY ANOTHER PERSON HAVING THE SAME PROGRAM"  
103 PRINT  
104 PRINT "ONE MUST KNOW HOWEVER WHICH OF THE FOUR CODING OPTIONS HAVE BEEN USED"  
105 PRINT  
106 PRINT "VARYING THE CODING OPTION MAKES THE CODE MORE SECURE"

110 PRINT : FLASH 1;AT 21,0;"PRESS ENTER TO GO ON"  
112 INPUT A\$  
114 CLS  
115 PRINT : FLASH 1;"ENTER"; FLASH 0;" CODE OR DECODE DEPENDING ON WHETHER YOU WISH TO CODE A NEW MESSAGE OR DECODE A CODED MESSAGE"  
120 INPUT M\$  
130 CLS  
140 PRINT : FLASH 1;"ENTER"; FLASH 0;" WHICH CODE YOU ARE USING (1, 2, 3, OR 4)"  
150 INPUT U  
155 PRINT

160 IF U<>1 AND U<>2 AND U<>3 AND U<>4 THEN PRINT AT 10,0;"ENTER ONLY ONE OF THE NUMBERS 1,2,3 OR 4. TRY AGAIN"

170 IF U<>1 AND U<>2 AND U<>3 AND U<>4 THEN GO TO 150

180 LET I=U  
190 IF U=2 THEN LET I=5  
200 IF U=4 THEN LET I=7  
210 REM "I" IS EXTRA INCREMENT OF SUBSTITUTION, HERE SET TO 1,3,5 OR 7 (BY CODE 1,3,2,4)

220 CLS  
300 IF M\$="CODE" OR M\$="C" THEN GO TO 1000

310 IF M\$<>"CODE" AND M\$<>"DECODE" AND M\$<>"C" AND M\$<>"D" THEN GO TO 115

320 IF M\$="D" OR M\$="DECODE" THEN GO TO 2000

330 GO TO 115  
950 PRINT : PRINT "THIS PROGRAM USES ;30912- FREE ;"BYTES"  
990 STOP

1000 REM ENCODING ROUTINE  
1010 PRINT "PROGRAM TO CODE A NEW MESSAGE"

1020 PRINT "USING CODE NUMBER "; U

1030 PRINT  
1040 PRINT "ENTER YOUR MESSAGE NOW (UP TO 100 CHARACTERS=APPROX. 20 WORDS)"  
1045 PRINT

1050 PRINT "IF YOUR MESSAGE IS LONGER BREAK IT UP INTO SMALLER MESSAGES AND CODE THEM SEPARATELY"

1055 PRINT  
1060 PRINT : FLASH 1;"ENTER MESSAGE NOW"

1070 INPUT A\$  
1080 CLS : PRINT : FLASH 1;"WAIT"

1085 PRINT : PRINT : PRINT  
1100 LET F\$=""

1110 REM IN OTHER COMPUTERS LINE 1210 WOULD BE- U\$=MID\$(A\$,N,1)

1200 FOR N=1 TO (LEN A\$)  
1210 LET U\$=A\$(N TO N)

1220 LET Y=(CODE (U\$))  
1225 IF Y<33 OR Y>90 THEN GO TO 1300

1225 REM Y<33 OR Y>90 WOULD BE USED FOR LINE 1225 FOR ASCII

1230 LET Y=Y+7+I  
1232 REM ZX-81 VALUES 63 & 53 IN LINE 1240

1240 IF Y>90 THEN LET Y=Y-58  
1245 REM IF Y>90 THEN LET Y=Y-58 WOULD BE USED FOR LINE 1240 FOR ASCII

1250 LET T\$=STR\$ Y  
1270 LET F\$=F\$+T\$+"",

1300 NEXT N  
1310

1340 CLS : PRINT "MESSAGE IS:", F\$

1400 PRINT AT 20,0;"PRESS ENTER TO CODE AGAIN OR ENTER B TO GO BACK TO START"

1410 INPUT A\$  
1420 CLS

1440 IF A\$="B" OR A\$="BEGIN" THEN GO TO 100

1450 GO TO 1000  
2000 REM DECODING ROUTINE

2010 PRINT "PROGRAM TO DECODE A NEW MESSAGE"

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2020 PRINT "USING CODE NUMBER ";
M
2030 PRINT
2040 PRINT "ENTER THE CODED TEXT
COMPLETE WITH COMMAS BETWEEN
THE NUMBERS"
2045 PRINT
2050 PRINT "UP TO 100 NUMBERS AR
E ALLOWED INTHE TEXT";
2055 PRINT "(NO SPACES ARE PLACE
D IN THE DECODED TEXT)"
2060 PRINT
2065 PRINT ; FLASH 1;"ENTER MESS
AGE NOW"
2070 INPUT P$
2080 CLS : PRINT ; FLASH 1;"WAIT
"
2085 PRINT : PRINT : PRINT
2090 LET G$=""
2100 REM IN OTHER COMPUTERS FOR
LINE 2210 SAY-U$=MID$(P$,N,1) AN
D 2215 U$=MID$(P$,N+1,1)
2200 FOR N=1 TO (LEN P$) STEP 3
2210 LET U$=P$(N TO N)
2215 LET V$=P$(N+1 TO N+1)
2217 LET M=((N-1)/3)+1
2220 LET X(M)=VAL (U$+V$)
2230 IF X(1)=0 THEN LET P$=F$
2235 IF X(1)=0 THEN GO TO 2090
2237 LET X(M)=(X(M)-7)-I

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2240 IF X(M)<=32 THEN LET X(M)=X
(M)+58
2250 REM IF X(M)<33 THEN LET X(M
)=X(M)+58 FOR ASCII IN LINE 2240
2260 LET G$=G$+CHR$ (X(M))
2290 NEXT N
2295
2300 REM "0000" (4 ZEROS) ENTERED
WILL RESULT IN PREVIOUSLY CODED
TEXT BEING ENTERED FOR DECODING
AS A TEST
2320 CLS : PRINT "MESSAGE IS: ",
G$
2350 PRINT AT 20,0;"PRESS ENTER
TO DECODE AGAIN OR ENTER B TO
GO BACK TO START"
2360 INPUT A$
2365 CLS
2370 IF A$="B" OR A$="BEGIN" THE
N GO TO 100
2380 GO TO 2000
9000 CLS : CLEAR
9010 PRINT "***** save begin"
9020 SAVE "Spy" LINE 30
9030 SAVE "Spy" LINE 30
9040 CLS : PRINT "Verification.
Rewind and play"
9050 VERIFY "": VERIFY ""

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**The ATSU Club Of Columbus, OH Presents :**

## **The Midwest Sinclair Users' Group Meeting**

**Scheduled January 30th, 1988 At 1:30P**

**At The Linden Branch Of The Columbus Public Library**

The Association of Timex/Sinclair Users of Columbus, OH will host the Midwest Sinclair Users' Group meeting on the 30th of January, 1988. The meeting will commence at 1:30PM at the Linden Library (A map enclosed). All users' groups are invited, and the first order of business will be a discussion about the upcoming TS-Fests. Please, do not bring wagonloads of equipment!!

**For Further Information Contact:**

**Mowgli Assor**

**2000 Elmwood Ave., Apt. B**

**Columbus, OH 43212**

**(614)-481-4251**

**CompuServe ID: 70007,1760**

# MAP- Midwest Sinclair Group Meeting

